FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: February 26, 1991 Date Submitted: February 21, 1991 Project: TCLP Test, P.O. #18975

RESULTS OF ANALYSES OF THE WATER SAMPLE FOR TCLP METALS IN ACCORDANCE WITH 40 CFR PART 261 Results Reported as mg/L (ppm)

Sample #	<u>M18975</u>	Regulatory <u>Level</u>		
Analyte:				
Arsenic	<0.02	5.0		
Barium	0.06	100		
Cadmium	<0.02	1.0		
Chromium	0.04 ^a	5.0		
Lead	<0.02	5.0		
Mercury	<0.02	0.2		
Selenium	<0.02	1.0		
Silver		5.0		

a - The analyte indicated was also found in the blank sample.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: February 26, 1991 Date Submitted: February 21, 1991 Project: TCLP Test, P.O. #18975

RESULTS OF ANALYSES OF THE WATER SAMPLE FOR TCLP METALS IN ACCORDANCE WITH 40 CFR PART 261 Results Reported as mg/L (ppm) Quality Assurance

Sample #	Method <u>Blank</u>	M18975 Duplicate	Regulatory <u>Level</u>
Analyte:			
Arsenic	<0.02	<0.02	5.0
Barium	<0.02	<0.02	100
Cadmium	<0.02	<0.02	1.0
Chromium	0.04ª	<0.02	5.0
Lead	<0.02	<0.02	5.0
Mercury	<0.02	<0.02	0.2
Selenium	<0.02	<0.02	1.0
Silver	<0.02	1.7	5.0

a - The analyte indicated was also found in the blank sample.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: February 26, 1991 Date Submitted: February 21, 1991 Project: TCLP Test, P.O. #18975

RESULTS OF ANALYSES OF THE WATER SAMPLE FOR TCLP METALS IN ACCORDANCE WITH 40 CFR PART 261 Results Reported as % Recovery TCLP Extract Spiked at the Indicated Level Quality Assurance

Sample #	M18975 Matrix Spike Spiked @ 10 ppmb % Recovery	M18975 Matrix Spike Duplicate Spiked @ 10 ppm % Recovery
Analyte:		
Arsenic	102%	79%
Barium	101%	71%
Cadmium	98\$	82%
Chromium	105%	69%
Lead	102%	798
Mercury	86%	0 % C
Selenium	90%	62%
Silver	175%	08 C

a - The analyte indicated was also found in the blank sample.

b - Silver spiked at 1 ppm.

Poor matrix spike duplicate recovery due to digestate boiling dry. A digested spike resulted in 67% mercury recovery and 94% silver recovery.

Dispose after 30 days

Return Samples

Call for Instructions

FRIEDMAN & BRUTA, Inc. 3008-B 16th Avenue West Seattle, WA 98119

Contact: SAMPLED BY:	3-5800 / 		-	Chain of C	Sustody Record	PROJECT N PROJECT L SITE NUME	TAME: TCLP TEST OCATION: 3200 X-RAT BER:
Sample Number	Date / Time Sampled	Type of Sample	# of Containers	Lab Sample #	Analyses Required	C	omments
m18975	2/21/81	WATER	1	17987	TCLY - METALS	The state of the s	
		·					
-							
	Ì						
	1						
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	1				1		
					1		
Relinquished by: ((Signature) A. S	Date Date	: 421/9	Rece NA	iventor (Signature)		Date: <u>3-21-91</u>
FIRM: Aus Relinquished by: (Coppe (Signature)	Tim Date		Rece	M: FRI (EDMANIE B ived by: (Signature)	evya	Time: Date:
		Ties	e:	FIRI	4	eritesjii fot om kompanys opsier i 1967 – 1	Time: